December 14, 1981

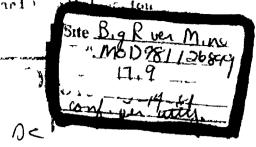
of Joe Mineral's for erent with MDNR on Limbility and for Lead Hine Tailings with (E Desloye, Missour

Karen Flournoy, HAZ 1/4 15

Lobert L. Morby, Chica HASM

That katic digra MATM/180-chum Durnia Degner, HAZM/180-chil





This mean summarizes developments with the abundanci realize the alice site at Dasloge, Missouri and reviews the aprecedent between the for Minerals Corporation, Missouri Department of Natural Resources and other agencies to clean-up/atabilize the site of the initial review of Paul Doherty with additional review by myself

# I Background

Lead mine tailings were deposited at the Desloge, Hisnouri site by St. Jud Minerals Corporation for 29 years, between 1929 and 1958. The Life revers approximately 500 acres. The tailings are reportedly 2 - 4 here it lead and are piled to depths of up to 100 feet inside a horseshow being a time sig River.

In 1972, the property was donated by St. Joe fin rais to St. 1 (c); ( ne Tar Coraty in turn donated the land to the St. Francis Corat. Item not a corporation a non-mofile or animation for the purpose of establishing a sanitary landfill on the site. Up to this time it is repeated that it tailings site had been accurately paintained with no apparent incidents of tailing pile washout or crosson into the Big River.

In 1977, a major who to occurred reportedry as a result has been allocated militariance. It is estimated that up to but, I cold yards on land tailings pashed also the Big River. Minut: This has a transfer up to the or sent time adding to the tailings deposited in the in-

rollowing the waground indicant, reveral studies were und read not not the true extrut of environmental decade and emplore received notice alto a ve

In lat 1977, EF //5VAH conducte' an intensive survey of the rig kiver general fluing was that the big kiver was degraded by mine tailing, a finity as a result of physical changes rather than register. It is reported that mine tailing deposits are the primary constituent of the arr am oclion sor rai miles downstream of the tailings pile

ARH:1/HA. M-TSS PDoterty 111ournoy 1mh x6531 10 16-81 Rev12-14-81 01 1 d

TSS 1°S TSS HAZ.1 Flourney Blobs Depnet Morby 40111166

SUPERFUND RECORDS

module

In June 1979, a stuly was initiated by the <u>University of a next</u> to veloce the present and potential problems of the site and to promise and the second these problems. Their report was <u>lessed</u> in Lambary 1963.

A fully 19, 1980, study stalle the sourt Destinant of Contrastion reported clovated levels of 1 at in the flesh of taker 1 ah towart of the chestings the iteration is partiable of these findings the iteration beard and in the means a varning to the public against eating boots to deep this area.

Since the occurrence of the washout incident a named of the city go nove bor held among interested agencies to coordinate mitiration croped a Up artillant year, enforcement action against " Joe Mineraly vi considered to the cost likely course of action by several of these agencie. The form wash of Engineers (CO) referred the case to the Department of a rice (maj) and late 1978. To date no action has been taken by the DOJ on this referred in 1980, the recommendation from PA/LNPC calle' for important and enforcement action under Section ill of the CMA and Section 7000 of action who site the Department of the interior as an uncontrolled site by Eb. Commended for listing as an uncontrolled site by Eb. Commended for the interior for potential superfundantion

In rate 1389, i... the a negotiating with it. In short Comments in the voluntary clearers of the pine tooling site. As it then the confunctions, and the fact of the mining went became occlosed from the consumate the attention of the consumate the property of the consumate of th

econciliation in fit. Jou amorals, part and focus line by 10" 'c site, and

#### 2 Assigning reasonsibility for future wire maintenance

he final negotiated agreement, "Covanant Nor to Sue" between the St. To diserate Company, St. Francois Puviconmantal Corporation, State is particular attention, State to particular commission, and State Actorney General's Office was aligned on supressed. 4, 1981

# II The Agreement

The format of the Agreement, titled "Covenant for to Jue" is in three halful parts. These parts can be described as

- Summary statements on the history of the site and washout incid nt,
- 2 Statements of liability, responsibility and exemption from future litigation, and
- 3 Ocean tion of rea Hal letton work

is not briding

The first several provisions of the Covenant set forth the history of the geds while neith site and washout incident as described previously in this w so Eaglity to the This

The succeeding provisions set forth the conditions of lability, facult ligigation and remedial action responsibilities | lecording to ...... provisions, St. Jos Hinerals and the at Francoi Courty Fa son entit Corporation are released from roupen inflity con all duant. 1141 future acculating from the wishous invident the "t francis County Environmental Corpor for ausmis a land middle or cort artin la agreed-upon rescu al a lim tork and o is no reaps substitly to lite adsaintenance of the or a the ft for Brevale for a dispay for the proposed ank, prove a columntal all ustart l for reconstructing contains ant and and all first and sour thistea amode carra dintarial orporation wit assistance to the the review sai effection of all construction tork procured responsibility for the work is as and my St. con flueral ta "nivisory rela

The third part of the 4 re ent provides cherific d tails on the mere tal iction tasks. This work is described in a document titled, Repair of Julia c at Desloye Landfill Along Blb liver," and has beel made plat of the Colon at by reference.

The work can be briefly summarized as follows

- Fill-in/repair of all major erosion gaps (two large maps and time a miller ¿apa),
- heconstruction of three retaining berms at the repaired crosion areas,
- Alteration of the fulled d always structure to prevent future bloc a r problems;
- Seeding and fertilizer application to a 20 acre "demonstrution" plot, and
- Construction of all nece sary haulage roads

#### ) 'ecussion III

Although the entire "Pepair o o mys at le lo Touffall I modif d iocument was dot , whittel to the A, may or tevil ; (draw exhibits were outreal), the case lotton of work to const no tions nade in the 1960 report, propered by the University of Lius und to It appears that the seried-spon work is a "middle rourl" r posse to the for structur l aftures iniversity of france opent rmenlacions It i on the site will be remained by the proposed work and the TIT eli in ite much of the environmental hands by pased by fature en sie or asienting the site To University of Missouri performed extens v analyses on h angineering properties of the tailings materia. With certain e certain (i a , areas where remedal orwis planned) the opert omenided that the tailing pile site "is a whole appears to be stable '

٨

The proposed work does not address several extention or an initial a from a near hearts identified in the University of Missouri's repaired of the control of the source o

Contamination of Big River Benthic Yoan and Anti-Sopulation Studie conducted by BPA and MDPR has a documented that the big Riv what bear digraded for several miles do matroan area the tailing wife is that bott a feeding first have elevated levels of lead in their tlash. Both cate forms were introduced in the Agreement's control of work. Contrast this work for the Agreement appears is still in the Agreement's control work. Contrast this work for the Agreement appears is still in the Agreement de dains operation of a control of J. H. Y. to assume responsibility for a major of dains operation of a control of J. H. Y. Control of the bar of trade of the country of the first operation of the first of the dains operation of the first operation of the first and the first operation of the first on the country. The late date of the coupling of the first on the first operation of the first on the first operation of the first on the country. The late of the coupling of the first on the first operation of the first operation.

Could the man? Colling and inext and departure enter a specific to a description of the vehicle of the vehicle of the river bottom is deposited to a specific of the river bottom is deposited to the river bottom in deposited to the river bottom is descripted the river bottom in the river of the line of the

iftery a 11 Ill a celete appearer that the vy Hotal ) i on the corducted by the Union ity of ils our reported a collection to the to landfill operation rould lead to potentially willow to ! unit in or enter supplies. Jama laboratory at ties, confucted of the mile a little of the I'm under sel is conditions lend and it is the tiful a r' rate with 1 has the slave and could by atual troops ocourdwater amout a lim r bort of wed the hazari colling the training sections project in (1) to stabil an "from the " e cito arch 1300, following the un serially of (13500 ) report, and Jfria o leachate monitorian et la site aheir rault shore to \_ letul zine and calmin are not all valed above background a velcriti i / u cu t t LLT II FT TD 3 on his drinking wat r stundards Efficient his governort analyted b. Hadik are recressistative of the Octions Institute City \_\_ esce that the question of lauffilt leachate mobilizin, heavy lotal . . it - arly Jead, has not be a concelled the Parecomena first a cloud real to determine if the last ill lead into hobilines heavy metri, in particular i d Te Buresu of tip a ca cocluctly, a study on the loc telling contacted for background "formalish and critical ton formate at a first study in the area. All restuly, up ropris by claced as nit also the fracult 1 filtrinum little analysis to fuclul the and se-

Journau & bu

Sthought white the standard of the standard of

Monitoring and laspections re necessary been accorded the rible of access for inspection purpos moditoring of Leachat : somethis by MDN's should continuo and a problem tovelops. IDN's rad the State Conservation Charistion have The landfill situat or do 9 were at the future att attor o fight will ent ID...K muttach retion

supporting characteristics of the tail ng pile are that this study o uli fertilizer appliersina to 20 across of land, this seeded to a seeded/fertilized, lot may serve as a demonstruction study to a consequence of the tailing sit. Tells and set. of seeded/fertilized, lot may serve as a demonstruction study to a consequence of the fertilized seeded. through matural procuses moisture retention and fartill, t on, revertation of the site will rot occur will "remain a permutal with herard due to blowing or rest lad a one ead the potential tor furtial prowless until such time as the feel to describe the attack. It is completely attacklifted by a general prowless of problems of the seed of it is attacklifted by a general prowless of the seed of its attacklifted by a general prowless of the seed of the s University of allern I amount to the dead that the deaters to the provide the basis is inture section; and textilization apressite on who, is anyone, is responsible for this line, or evalution 20 more demonstration plot Site Stabil'. 901 foungetation and liszards of A. Nor in Land East Althour's the Agreem, t provides for seeding and = ni ist. ) to t the Agarcani is -1 11 ation, W Ll plant

compounds during to d one maken, crushing and milling operations to Joc The WIOSH develope the dicument aper "criteria for a "council Standard for Occupational exposure to lead to the a lead of the certain occupational exposure to lead to 34.1. It is a contraction of the certain occupational exposure to lead to 34.1. Revegutation of 20 scree still leaves over 95 percent of th by this especial route. A sinf review of the avillable section the avillable section of the avillable section of the section o site without plant cover - Questions have been raised as to reacher the potential for windblown lead just at the abandoned lead training at represents a significant environmental hazard. In the of monitoring fara a rio of we used similar is not mouthoused in this overvices it is difficult to accurately ass put i tezail, to A lief review of the avillable it ituan in Deslogo 11 pu 1 11 יל מר 19 זעה ר itur ind\_cated 0 1 1 1 10

Fiblicals up - 1 " ... illt, Criccria for Lead" (" CC 1/5-17-17)

dep 1 to some extent on the solubility of the lead fro 11 ores. The lear sulfide (To ) i malens is insoluble, and absorption through the lun, say b size it. It is not really known hos readily aborption takes place. In the stoach, however, some leaf sulfide try be convented to slightly soluble lead of teride, which may then be showned in injurate arounce.

Although occupational exposure on atmospheric head in discrete to a contract of the province o

Lead toxicity is mainly the result of the oncentration of four hole (soluble) lead in sett tissues of the body. The isolubility of lead sulfide (galens) probably accounts for its low reported a city and "Pagistry of the 10 is bifects of Charles Substance. Since it is it is load sulfide presents as insignificant hazard" with approximate to individual the lowest possible rating. The low toxicity radiagraphs is the lowest possible rating. The low toxicity radiagraphs the lack of texis reactions observed by FPA in the Fi fi or following the washout incident.

The Mine Bafety and Health Administration (MSHA) is responsible for establishing and enforcing standards for occupational a posite to Lead during mining operations. The standard is 0.15 mg/m3 of oul and lead compounds Mr larry Phillips, Sub-district Manager of the Mr Avolla, dissouri office states that compliance measurements for this standard are usually collected n ar the ore concentration op ration Althou n pis operation produces a concentrate which is 90 - 9) percent lost sullife coupliance with the 0.15 m./m3 standard is not unusually difficult Given that the lead tailings row 2 - 4 percent lead, Mr. Phillip il non policyc that the aban'oned tailing pule would violate that stimus; of 0 15 mg/m3 Short-term violations may occur during periods of high wints but one build expect that due to the high density particulate partial of all due only the area immedia ely adjacent to an idovawind from the sit on differences Due to the low toxic tv of load ulilde, the lor con orther in or I am in the talking plus of the fit muttont mature of windblown of the needs of as concluded that the ear and otal bazards poind by pinally it is in duce is not significant. It may be detable to essential and our alteria, stations tear the size to confirm this concludes

# al Surgary

The and interested is the in a reasonable regordated interested in the classical responsible. The proposed resedual work will stabilize the city to responsible. The proposed resedual work will stabilize the city to responsible the proposed resedual work will stabilize the city to responsible the proposed resedual work will stabilize the city to responsible the proposed resedual work will stabilize the city to response the washout problems but does not address other povironmental concerns reparting

- l Tailings in the sig diver rediment,
- 2 Potential leachage contraination from the Landfill operation, and
- 3 The luck of a vegetative cover to further stabilize the site
- 4 Erosion control on a continuing basis
- 5 Long-term samplin /environmental evaluation program

The fact that lead concuntrations who have the State issued a warning against in the listed. the above listed concerns as applicable. The fact that lead concentrations the bottom feeding fieb is high enough that the State issued a warning against their consumption is evidence to support a Feleral action under \$7005 of the RCRA. For this reason and because the above listed to corns are not addressed the list in the Agreement, EPI should continue to monit r the prosessor. RCRAs For this reason and because the above listed to corns are not addressed to the Agreement, EP' should continue to monit r the prosess of the State Double Dull that we issue a letter to MDHR capitasing our concerns and recommended actions to y should undersole to Huy Court away

aniend op other things

ency has unreasonably delayed in making [its] motion ne March 4 motion apparently should have been filed not later than 10 days after the Feb 12 order under Rule 59(e) of the Federal Rules of Civil Procedure according to Judge Pratt who added Here of course defend ints waited some 20 days significantly muting their claim of hardship

El A asked the court March 4 to reconsider its Feb. 12 decision in which the court ordered the agency to promul gate within 90 days enforcement guidelines under the superfund law and a revised NCP outlining the federal government's response to chemical site and spill cleanups.

The court Feb 12 ordered the akency to propose the NCP within 30 days and allow a 30 day public comment period. The plan must then be revised and republished within 90 days the court said.

The agency acting under the court's order March 12 proposed the revised NCP with guidelines for coordinating federal and state government repenses to the cleanup of hazardous substance spills and abandoned hazardous waste dumpsites under the superfund law (Current Developments March 19 p. 1475 Full Fext p. 1498)

FIAs March 4 motion to reconsider that order asked the court to allow at least a 60 day public comment period on the proposed NCP and to permit the agency to provide the court with a report on the extent and nature of the public comments within 14 days of the completion of the comment period

The agency cited the complexity and length of the NCP as its reason for requesting reconsideration of those portions of the court's Feb 12 order relating to the plan. Until the public's comments on the proposed plan have been received F1 A told the court, it will be impossible to determine what period will be necessary to provide sufficient time, for the government to consider respond to comments and then publish final revisions to the proposed plan. In any event, the motion stated, such response will likely be impossible to complete within thirty days.

The Environmental Defense Fund and later the state of New Jersey sued FPA last year for failing to issue the National Contingency I lan by June 9 1981 as required under the superfund law (Sept 11 1981 p 573). The plain tiffs sought a court order requiring the agency and the Office of Management and Budget to promulgate the plain for hazardous waste site and spill cleanup activities by February 1982.

Judge Pratt Feb 12 granted the Environmental Defense Fund's motion for summary judgment saying that in view of the congressional intent ignored by I PA to issue the plan and the guidelines by June 9 a court ordered publication schedule was appropriate (Feb 19 p 1323)

The existing National Contingency I lin governs cleanups of oil and hazardous substance spills into navigable waters under the Clean Water Act but the superfund law requires that it be revised to apply to a wider range of hazardous substance releases into all environmental media

#### Litigation

### COURT OF APPEALS REJECTS CHALLENGE TO EPA 8 REGULATION OF MINING WASTE

The US Court of Appeals for the District of Columbia Circuit March 16 ruled that the Environmental Protection Agency lawfully included mining waste in the category of solid waste regulated by agency critician that dubing open dumping (Chemical Manufacturers Assin v LFA No 79 2299 et al.)

In 1979 LPA issued criteria defining solid waste disposal facilities and practices and classifying those practices that constitute open dumping under Sections 1008(a)(3) and 4004(a) of the Resource Conservation and Recovery Act of 1976 (Current Developments Sept 21 1979 p 1183)

Issues relating to the agency's authority to regulate mining waste were raised by mining and other industry representatives in judicial chillenge, to the criteria

Judge Malcolin R. Wilkey writing for a three judge panel of the court initially noted that Section 1004(27) of RCRA defines solid waste as including discarded material resulting from mining operations. He added that this definition is used in defining operations. He added that this definition is used in defining operations. He added that this definition is used in defining operations. He added that this definition is used in defining operations. He added that this definition is used in defining operations. He added that this definition is used in defining operations. He added that this definition is used in defining operations. He added that this definition is used in defining operations. He added that this definition is used in definition of that is not a sanitary landfill.

The court rejected the contention of Mining and Roclamation Council of America. Inc., i petitioner, that the agency lacks authority to regulate mining waste because RCRAs legislative history indicates that mining waste was exempted from the scope of Sections 1008(a)(4) and 4004(a). The court found that certain legislative history relied upon by the council is ambiguous and contradictory. The agency followed the language of RCRA and reasonably concluded that the Act empowers at to include mining waste in its classification of solid waste disposal sites, according to the court.

Turning to the mining and reclamation council's argument that provisions in the Surface Mining Control and Reclamation Act of 1977 and in RCRA that instruct EPA not to duplicate regulation provided by other agencies demonstrate that Congress intended the Surface Mining Control and Reclamation Act to operate as an exception to RCRA the court observed that such in argument would amount to finding a repeal by implication. Nothing in SMCRA provides for repeal of EPA's authority over mining waste and SMCRA had no effect on RCRA's authorization.

Judge Wilkey also rejected the contention of the American Mining Congress another petitioner in the litigation that while RCRA gives the agency authority to regulate mining waste such authority may not be exercised until a mining waste study is completed under Section 8002(f) of the Act Nothing in RCRA conditions exercise of regulator power over mining waste on completion of the inining waste study. Nor is there any clear evidence that the study was meant solely or even predominantly for use in promulgating regulations under Sections 1008(a)(3) and 4004(a)—the court said

The court noted that Section 1008(a)(d) and Section 4004(a) criteria were due one year after RCRA was enacted and that Section 4005(b) required publication of an inventory of open dumps one year after that The Section 8002(f) study also was supposed to be complited in two years according to the court. It is difficult to argue therefore that Congress intended the study to precede regulation of mining waste under Sections 1008(a)(3) and 4004(4). Judge Willey said.

[Wie refuse to add or subtract language from RCRA simply to conform to certain value portion of the legislative history—the court concluded

Turning to the American Mining Congress argument that EPA acted arbitrarily and capriciously in applying its criteria to mining waste. Judge Wilkey observed that 1.1 A quite reasonably followed the statutory definition of solid waste when it included mining waste under the criteria.

If subsequent studies suggest that LPA should alter its criteria with regard to mining waste then the petitioners may request the agency to do so the court noted

General Policy

# LAVELLE NOMINEE TO RUN EPA PROGRAMS FOR RCRA SUPERFUND REVIEWED BY COMMITTEE

Rita M. Lavelle March 23 told a Senate committee reviewing her nomination as Environmental Protection Agency assistant administrator for solid waite and emergency response that she will work towards involving the private sector and state governments in the superfund and hazardous waste programs in order to get outstanding results in protecting human health safety and the environment

Lavelle's nomination however was opposed by environ mental groups which criticized her association with Acrojet (eneral Corp. a firm that has one of the worst waste dumpsites in the United States (Current Developments Feb. 26 p. 1360)

Committee members predicted smooth sailing for Lavelle's nomination in the Schate although they promised to scrutinize her performance as assistant administrator in charge of the superfund chemical spill and dumpsite cleanup program under the Environmental Response Compensation and Liability Act of 1980 and the hazardous waste management program under the Resource Conservation and Recovery Act If confirmed by the committee and the Senate Lavelle would be one of the seven assistant administrators at LPA

committee Chairman Robert T Stafford (R Vt) Sen Jennings R indolph (D-WVa) ranking immority member and Sen John H Chafee (R RI) opened the hearing by emphasizing the importance of managing well EPA's hazardous waste and superfund programs created under laws developed in the Environment Committee Stafford noted that the assistant administrator position created under the superfund law has remained vacant for 15 months in accounting for many difficulties encountered presently in both programs. Difficulties he said include

- Much too slow implementation of RCRA and the superfund law
  - > Slow enforcement of the two laws
- Overemphasis of response activities on abandoned haz ardous waste sites to the exclusion of releases and
- Allocation of inadequate resources to the Departments of Justice and of Health and Human Resources to carry out their responsibilities under the laws

Chafee expressed concern that six years after RCRA's enactment the hazardous waste regulations are incomplete and probably will not be made final until the end of 1983 and that no new waste disposal sites have been established despite enactment of waste siting legilation in 22 states

Chafee said he was also concerned about the slow progress in carrying out the two year old superfund law the slow movement of money to states to clean up and respond to releases the lack of final decisions on critical enforcement policies and superfund health studies that are still up in the air

All three senators urged Lavelle to make both programs receive the highest policy level attention within EPA

#### Lavelle s Statement

Lavelle said that as assistant administrator she would be on the lookout for economies at all levels inside government and with the contractors working for LPA — getting the

most for every environmental protection dollar is an application of Reaganomics which I intend to help Admini trator [Anne M ] Corsuch implement

She endorsed a federal role in developing guideline for states to design solid waste management propriates adding that over half the states have developed plans that 14 of these have received approval and that the process is expected to be completed by the end of 1983.

Her thrust for the hazardous waste program should she be confirmed would be to work with private enterprise and state governments to develop environmentally safe disposal procedures that are effective and feasible she told the committee

The FPA nomine noted that 28 states have I hase I authorization of their hazardous waste programs and seven more states are expected to assume management roles this year (See related story p. 1546) nothing that most of these states are in the Midwest. Southwest, and Southeast where more than half of the disposal facilities are located.

As assistant administrator I avelle said she would ensure that the hazardous waste regulations for land di posai incinerators torage and fin incial liability will be premul gated and more importantly will work

The agency is in its second year of operating the superfund program but in first year with full funding. Lavelle said and is concentrating on field work at is many ites as possible to develop appropriate cleanup remedies.

Lavelle said she would press for negotiating cooperative agreements with even more states and for voluntary cleanup of sites and spills by the private sector. An increasing number of private companies are responding to either gency requirements for the immediate and planned removal of hazardous waste. Lavelle noted adding that she hopes the voluntary efforts will be extended to the remedial action area.

While Lavelle said she prefers the carrot to the stick apoproach the stakes are too high to hide the stick or fail to use it when justified in enforcing the hazirdous waste regulations and the superfund law. Midnight dumpers gyp sy haulers and other flagrant bad actors will be prosecut ed she assured the committee.

Senator Daniel Fatrick Moynihan (D NY) told Lavelle to respond to uncontrolled hazardous waste sites and spiils first and argue who will pay for the remedial costs later When there's a question. I hope you respond on the side of

acting he said

Because cleanup technologies for waste sites are very new Lavelle said EPA must ensure that the technological community is given the maximum amount of encourag ment to develop answers calling for a cross fertilization of talents

Moynihan called I avelle's nomination welcome but turdy in expressing concern that the Reagan Administration does not like the superfund program and is spending money where it doesn't want to

Lavelle said the success of the superfund program should not be measured by the amount of money spent (March 19 p. 1490) but rather by the number of actual eleanups completed at dumpsites. Regarding recent statements made by congressmen that FPA is not spending superfund program appropriations in order to ballince the federal budget. Lavelle said the superfund program is 10 to the minus seventh when you consider the national deficit.

She told reporters that program expenditures were slow the first and second quarters of fiscal 1982 because the agency had to get the program management system on line

ROUTING AND	TRANSMITTAL S	Date		
TO (Name office symbol room number building Agency/Post)			Initials	Date
	ANDY - 15th HOM	,	ļ	
		<del></del>		
. Katu				
	E F	ים א 🎎	M/HA	
		n ARI	M/HA	7M
	4	101	'	<b>_</b> '''
	· · · · · · · · · · · · · · · · · · ·	16t i	1132	
	Region	1 1/		
Action	File	Not	and Ret	vic
Approval	For Clearance	Per	Per Conversation	
As Requested	For Correction	<del></del>	Prepare Reply	
Circulate	For Your Information		See Me	
Comment	Investigate	Sign	Signature	
Coordination EMARKS	Justify			
recommend	cusoion Qui upou otampa then put a cor	ell c	مسور	
•		,		
1. et de	the system when them. Botel	_	-	F4
	tet a case the			

form as a RECORD or approvais clearances and similar actions

4-13 FROM (Name org sym	bol, Agency/Post)	Room No —Bldg
defficiences in &		Phone No
5041-102		FORM 41 (Rev 7-76)

☆U S GPO 1378 0 C1 647 33 1